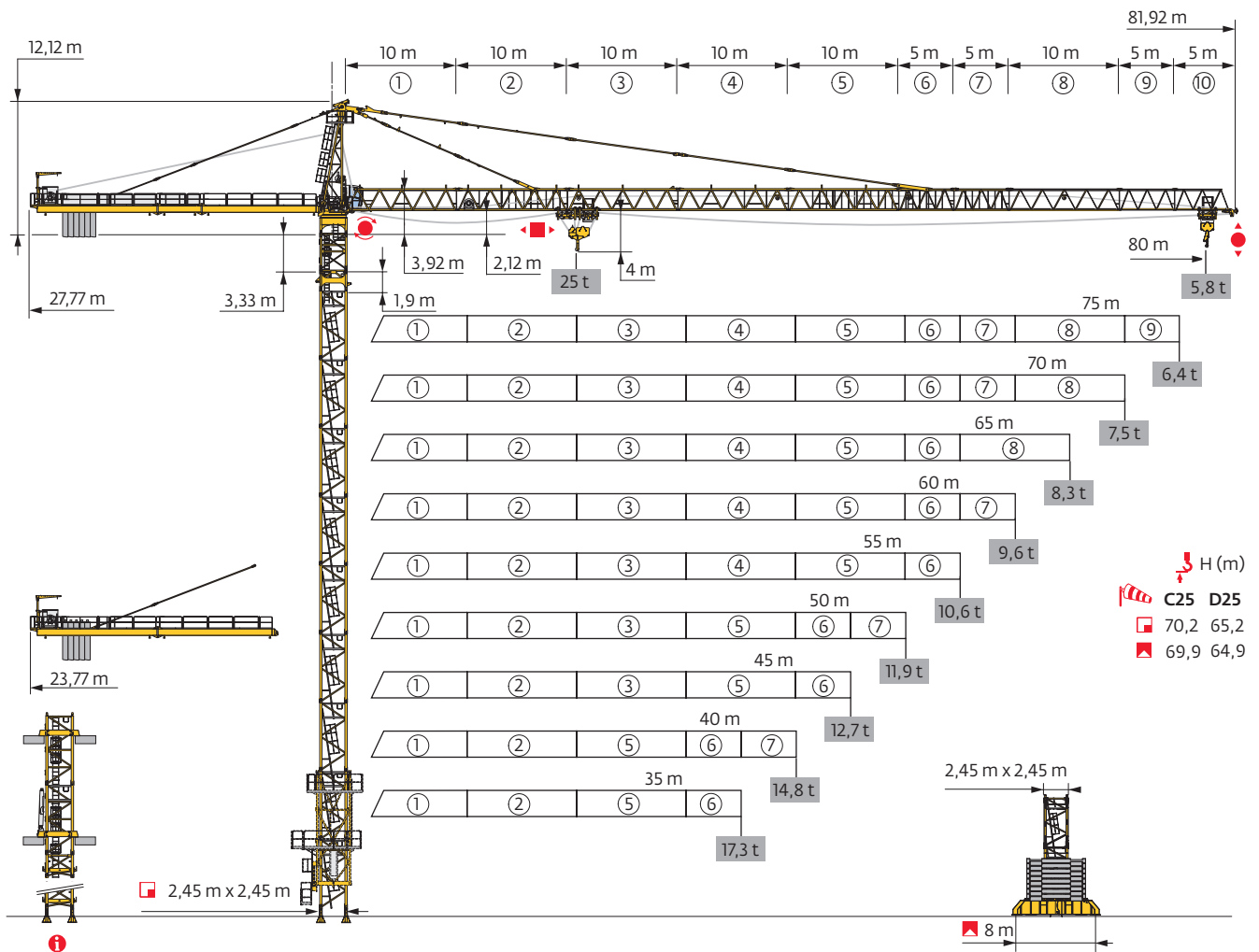


MD 569

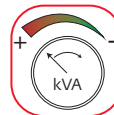


MAXIM
Crane Works, L.P.
1-877-MAX-LIFT

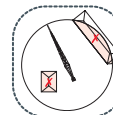
Potain Plus



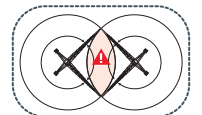
Power Control




Top Site




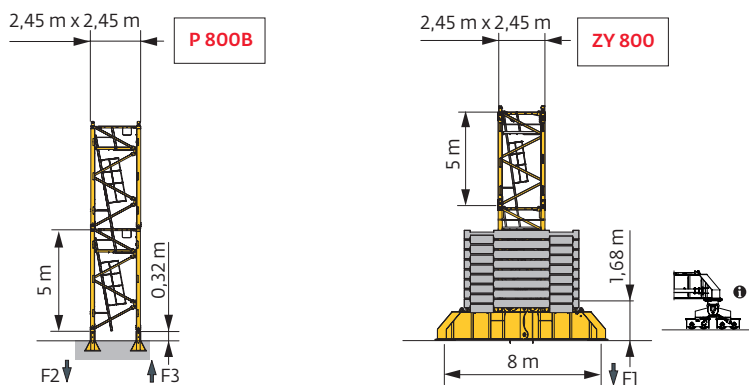
Top Tracing 3



Mât - Réactions / Mast - Reaktionskräfte / Mast - Reactions / Mástil - Reacciones / Torre - Reazioni
Tramo - Reacções / Реакция опор мачты

2,45 m - P 800B - C25											
ΔΥΔΛ (m)	35	40	45	50	55	60	65	70	75	80	
↓ (m)	70,2	70,2	68,6	70,2	68,6	68,6	66,9	66,9	63,6	63,6	
↓/P+ (m)	70,2	70,2	68,6	70,2	68,6	68,6	66,9	66,9	63,6	63,6	
	3,33 m	1	1	1	1	1	1	1	1	1	
	2 m	1	1	1	1	1	1	1	1	1	
	3,33 m	2	2	0	2	0	0	1	1	0	
	5 m	12	12	13	12	13	13	12	12	12	12
F2 (t)	●	243	246	245	246	238	240	235	233	227	229
	■	348	352	316	357	327	336	316	326	290	291
F3 (t)	●	155	156	166	153	157	145	152	136	135	136
	■	273	275	236	276	246	253	233	242	206	205
↓ (m) D25	63,6	63,6	65,2	63,6	63,6	63,6	63,6	63,6	63,6	63,6	
↓/P+ (m) D25	63,6	63,6	65,2	63,6	63,6	63,6	63,6	63,6	63,6	63,6	

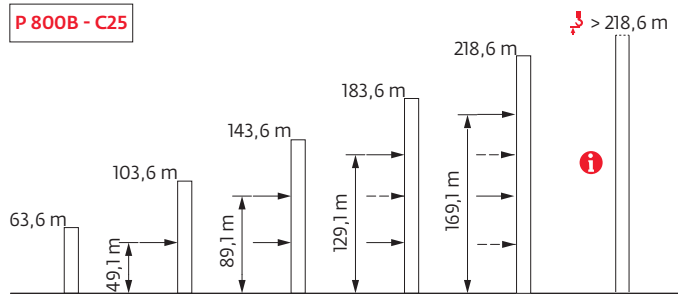
2,45 m - ZY 800 - C25											
ΔΥΔΛ (m)	35	40	45	50	55	60	65	70	75	80	
↓ (m)	69,9	69,9	63,3	69,9	66,6	66,6	64,9	66,6	63,3	61,6	
↓/P+ (m)	69,9	69,9	63,3	68,3	66,6	66,6	64,9	66,6	63,3	61,6	
	3,33 m	1	1	1	1	1	1	1	1	1	
	2 m	1	1	1	1	1	1	1	1	1	
	3,33 m	0	0	1	0	2	2	0	2	1	2
	5 m	13	13	11	13	11	11	12	11	11	10
F1 (t)	●	135	136	126	132	130	133	127	132	129	128
	■	154	157	113	160	138	144	127	147	127	123
↓ (m) D25	64,9	63,3	63,3	63,3	64,9	63,3	63,3	63,3	63,3	61,6	
↓/P+ (m) D25	64,9	63,3	63,3	63,3	64,9	63,3	63,3	63,3	63,3	61,6	






i Accès motorisés : compositions de mâture, de lest de base et réactions adaptées. / Motorisierter Zugang vom : Mastzusammensetzung, Grundballast und Reaktionskräfte sind angepasst. / Motorized accesses: adapted mast composition, base ballast and reactions. / Acceso a cabina con elevador: Adaptación de composición de mástil, lastre de base y reacciones. / Accessi motorizzati: composizioni elementi torre, zavorre di base e reazioni aggiornate. / Acessos motorizados: composições de coluna, lastro da base e reacções adaptadas. / Лифты : адаптированная композиция мачты, базовый балласт и нагрузки.

Ancrages / Verankerungen / Anchorages / Anclajes / Ancoraggi
Ancoragem / нкера

P 800B - C25



Lest de base / Grundballast / Base ballast / Lastre de base / Zavorra di base
 Lastro da base / Базовый Балласт

 (t) /  2,45 m - ZY 800 -  - C25										
AVAIL (m)	35	40	45	50	55	60	65	70	75	80
69,9	96	96		84						
66,6	84	84		72	84	84		84		
64,9	84	72		72	72	84	84	84		
63,3	72	72	72	72	72	72	84	84	84	
61,6	72	72	72	72	72	72	72	84	84	84
56,6	72	72	72	72	72	72	72	84	84	84
51,6	72	72	72	72	72	72	72	72	84	84
46,6	72	72	72	72	72	72	72	72	72	84
41,6	72	72	72	72	72	72	72	72	72	72
36,6	72	72	72	72	72	72	72	72	72	72
31,6	72	72	72	72	72	72	72	72	72	72
26,6	72	72	72	72	72	72	72	72	72	72
21,6	72	72	72	72	72	72	72	72	72	72

Courbes de charges / Lastkurven / Load curves / Curvas de cargas / Curve di carico / Curvas de carga / Кривые нагрузок



↖↗ (m)		17	20	25	27	30	35	37	40	45	47	50	55	57	60	65	67	70	72	75	77	80	m	
↖↗	↖↗ 25 t	↖↗ 12,5 t	↖↗										↖↗											
80	3,9 → 20,8	36,9 - 40,4	25	25	20,2	18,4	16,2	13,3	12,5	12,5	11	10,5	9,7	8,7	8,3	7,8	7	6,8	6,4	6,2	5,9	5,7	5,4	t
	3,9 → 21,4	38,3 - 42,1	25	25	20,9	19,1	16,9	14	13,1	12,5	11,6	11	10,3	9,2	8,8	8,3	7,5	7,2	6,8	6,6	6,3	6,1	5,8	t P+
75	3,9 → 21	37,4 - 40,8	25	25	20,4	18,6	16,4	13,6	12,7	12,5	11,2	10,6	9,9	8,8	8,4	7,9	7,2	6,9	6,5	6,3	6		t	
	3,9 → 21,7	39,1 - 42,7	25	25	21,2	19,4	17,2	14,3	13,4	12,5	11,8	11,2	10,4	9,3	9	8,4	7,7	7,4	7	6,8	6,4		t P+	
70	3,9 → 22,1	39,5 - 42,8	25	25	21,6	19,8	17,4	14,5	13,5	12,5	11,8	11,2	10,4	9,3	9	8,4	7,6	7,4	7				t	
	3,9 → 22,9	41,4 - 45	25	25	22,6	20,7	18,3	15,3	14,3	13	12,5	11,9	11,1	10	9,6	9	8,2	7,9	7,5				t P+	
65	3,9 → 22,1	39,6 - 43	25	25	21,7	19,8	17,5	14,6	13,6	12,5	11,9	11,3	10,5	9,4	9	8,5	7,7						t	
	3,9 → 23	41,7 - 45,3	25	25	22,8	20,8	18,5	15,4	14,4	13,1	12,5	12	11,2	10	9,6	9,1	8,3						t P+	
60	3,9 → 23	41,3 - 44,7	25	25	22,7	20,8	18,4	15,3	14,3	13	12,4	11,8	11	9,8	9,4	8,9							t	
	3,9 → 24	43,6 - 47,4	25	25	23,9	21,9	19,4	16,3	15,2	13,9	12,5	12,5	11,8	10,6	10,1	9,6							t P+	
55	3,9 → 23,1	41,4 - 45	25	25	22,8	20,9	18,4	15,3	14,3	13	12,5	11,9	11	9,9									t	
	3,9 → 24,2	43,9 - 47,7	25	25	24,1	22,1	19,6	16,4	15,3	14	12,5	12,5	11,9	10,6									t P+	
50	3,9 → 23,2	41,5 - 45	25	25	22,9	20,9	18,5	15,4	14,4	13,1	12,5	11,9	11,1										t	
	3,9 → 24,3	44,2 - 48	25	25	24,3	22,2	19,7	16,5	15,4	14,1	12,5	12,5	11,9										t P+	
45	3,9 → 23,1	41,4 - 45	25	25	22,8	20,9	18,5	15,4	14,4	13,1	12,5												t	
	3,9 → 24,4	44,2 - 45	25	25	24,3	22,3	19,7	16,5	15,5	14,1	12,5												t P+	
40	3,9 → 23,3		25	25	23,1	21,1	18,6	15,5	14,5	13,2													t	
	3,9 → 24,6		25	25	24,5	22,5	20	16,7	15,7	14,3													t P+	
35	3,9 → 23,3		25	25	23	21	18,6	15,5															t	
	3,9 → 24,7		25	25	24,5	22,6	20	16,8															t P+	

↖↗ = ↖↗ - 1,45 t max.



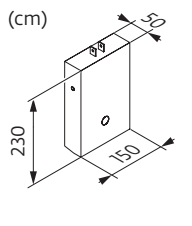
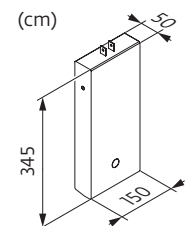
↖↗ (m)		17	20	25	27	30	35	37	40	45	47	50	55	57	60	65	67	70	72	75	77	80	m	
↖↗	↖↗ 25 t	↖↗ 12,5 t	↖↗										↖↗											
80	2,7 → 21,4	38,6 - 39,4	25	25	20,9	19,1	16,9	14,1	13,2	12,3	10,7	10,1	9,4	8,3	7,9	7,4	6,7	6,4	6	5,8	5,5	5,3	5	t
	2,7 → 22	40,2 - 41	25	25	21,6	19,8	17,6	14,7	13,8	12,6	11,2	10,6	9,9	8,8	8,4	7,9	7,1	6,8	6,5	6,2	5,9	5,7	5,4	t P+
75	2,7 → 21,5	38,9 - 39,8	25	25	21	19,3	17	14,2	13,3	12,4	10,8	10,2	9,5	8,4	8	7,5	6,8	6,5	6,2	5,9	5,6		t	
	2,7 → 22,2	40,7 - 41,6	25	25	21,9	20,1	17,8	14,9	14	12,8	11,4	10,8	10,1	9	8,6	8,1	7,3	7	6,6	6,4	6		t P+	
70	2,7 → 22,5	40,8 - 41,7	25	25	22,1	20,3	18	15	14,1	12,8	11,4	10,8	10,1	9	8,6	8	7,3	7	6,6				t	
	2,7 → 23,3	42,9 - 43,8	25	25	23,1	21,2	18,9	15,8	14,8	13,6	12,1	11,5	10,7	9,6	9,2	8,6	7,8	7,5	7,1				t P+	
65	2,7 → 22,5	41 - 42	25	25	22,2	20,4	18	15,1	14,1	12,9	11,5	10,9	10,1	9	8,6	8,1	7,3						t	
	2,7 → 23,4	43,2 - 44,1	25	25	23,3	21,4	19	15,9	15	13,7	12,2	11,6	10,8	9,7	9,3	8,7	7,9						t P+	
60	2,7 → 23,5	42,7 - 43,6	25	25	23,3	21,3	18,9	15,8	14,8	13,5	12	11,4	10,6	9,5	9,1	8,5							t	
	2,7 → 24,5	45,1 - 46,1	25	25	24,4	22,4	20	16,8	15,7	14,4	12,5	12,2	11,4	10,2	9,8	9,2							t P+	
55	2,7 → 23,5	42,8 - 43,7	25	25	23,3	21,4	19	15,9	14,9	13,6	12,1	11,5	10,7	9,5									t	
	2,7 → 24,6	45,4 - 46,4	25	25	24,6	22,6	20,1	16,9	15,9	14,5	12,6	12,3	11,5	10,3									t P+	
50	2,7 → 23,6	42,9 - 44	25	25	23,4	21,5	19	15,9	14,9	13,6	12,1	11,5	10,7										t	
	2,7 → 24,8	45,7 - 46,7	25	25	24,8	22,8	20,2	17	16	14,6	12,7	12,4	11,6										t P+	
45	2,7 → 23,5	42,9 - 43,8	25	25	23,4	21,4	19	15,9	14,9	13,6	12,1												t	
	2,7 → 24,8		25	25	24,8	22,8	20,3	17	16	14,6	12,7												t P+	
40	2,7 → 23,7		25	25	23,6	21,6	19,2	16	15	13,7													t	
	2,7 → 25,1		25	25	25	23	20,5	17,2	16,2	14,8													t P+	
35	2,7 → 23,7		25	25	23,5	21,6	19,1	16															t	
	2,7 → 25,1		25	25	25	23,1	20,5	17,3															t P+	

↖↗ = ↖↗ - 0,35 t max.

Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast / Peso de flecha y lastre de contra-flecha/Peso del braccio & zavorra di contro-braccio/Peso da lança & lastro da contra lança/Вес стрелы и балласт контр-стрелы





↖↗	↖↗ (kg) (+/- 5%)		100 LVF / 110 HPL™			150 HPL™ GH		
	↖↗	↖↗	6000 kg	4000 kg	↖↗ (kg)	6000 kg	4000 kg	↖↗ (kg)
80 m	25635	26125	6	0	36000	4	2	32000
75 m	25135	25625	5	1	34000	3	3	30000
70 m	24585	25075	5	1	34000	2	4	28000
65 m	23500	23990	5	0	30000	1	5	26000
60 m	23195	23685	5	0	30000	2	3	24000
55 m	22110	22600	4	1	28000	1	4	22000
50 m	20430	20920	5	0	30000	2	3	24000
45 m	19350	19840	4	1	28000	2	3	24000
40 m	17505	17995	2	3	24000	1	3	18000
35 m	16425	16915	1	4	22000	0	4	16000

CBC - 6000 kg CBD - 4000 kg


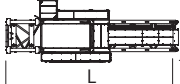
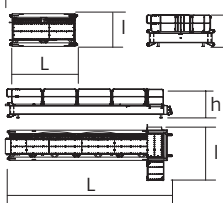
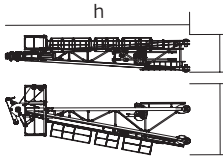
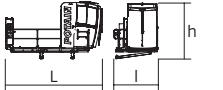
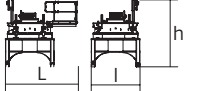
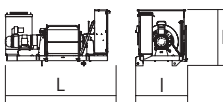
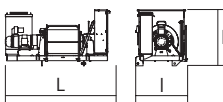
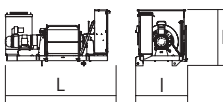
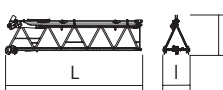
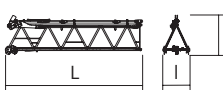
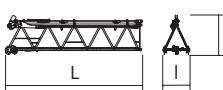
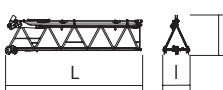
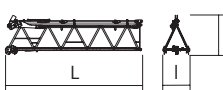
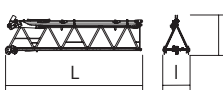
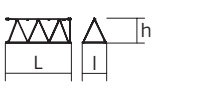
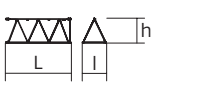
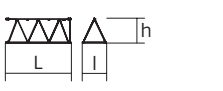
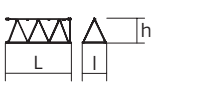
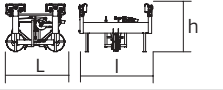

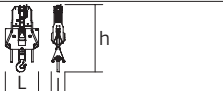

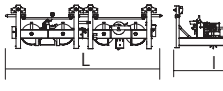

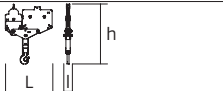



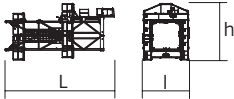
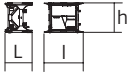
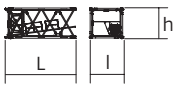
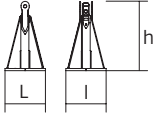
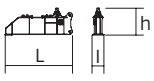

Encombremet et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso
dimensões e pesos / габаритные размеры и вес

Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria

Parte rotante / Parte rotativa / Поворотная часть :  80 m -  -  -  100 LVF



Partie tournante / Drehender Kranteil / Slewing crane part Parte giratoria / Parte rotante / Parte rotativa Поворотная часть	L (m)	l (m)	h (m)	kg (+/- 5%)	
Contre-flèche / Gegenausleger Counter-jib / Contra-flecha Controbraccio / Contra-lança Контр-стрела		11,69	4,13	1,96	6490
		4,2	2,02	1,96	1980
		11,04	3,57	2,07	4925
Porte-flèche / Auslegerträger Cathead / Porta-flecha Cuspide / Suporte de lança Оголовок		3,54	1,99	9,86	8265
Cabine / Kabine Cab / Cabina Cabina / Cabina Кабина	 Ultra View	5	2,5	2,77	1875
Pivot / Krankopf Towerhead / Pivote Portaralla / Pivot Секция поворотной части	 \square 2,45 m	3,7	2,9	3,87	11190
Treuil de levage (+ câble) / Hubwerk (+ Seil) Hoisting winch (+ rope) / Mecanismo de elevación (+ cabo) Argano di sollevamento (+ fune) Guincho de elevação (+ cabo) Подъемная лебедка (+ канатом)	 100 LVF	3,43	1,6	1,75	4090
	 110 HPL™	3,78	1,85	1,88	5165
	 150 HPL™ GH	4,82	1,93	1,97	8745
Elément de flèche / Auslegerement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы	 ①	10,36	1,9	2,54	5075
	 ② 10 DVF	10,33	1,9	2,34	4735
	 ③	10,23	1,9	2,4	3005
	 ④	10,23	1,9	2,33	2765
	 ⑤	10,23	1,9	2,32	2835
	 ⑧	10,21	1,9	2,02	1390
Elément de flèche / Auslegerement Jib section / Elemento de flecha Elemento di braccio / Elemento de lança Секция стрелы	 ⑥	5,32	1,9	2,25	1720
	 ⑦	5,24	1,9	2,04	1080
	 ⑨	5,18	1,9	1,97	550
	 ⑩	5,08	1,9	1,97	500
Chariot / Laufkatze Trolley / Carrello Carro / Carro-distribuidor Тележка	  25 t	1,8	2,26	1,44	760
Moufle / Hubflasche Pulley block / Aparejo Bozzello / Cadernal Полиспаст	  25 t	1,18	0,44	2,39	850
Chariot / Laufkatze Trolley / Carrello Carro / Carro-distribuidor Тележка	  25 t	4,1	2,19	1,16	1195
Moufle / Hubflasche Pulley block / Aparejo Bozzello / Cadernal Полиспаст	  25 t	1,83	0,34	2,34	905

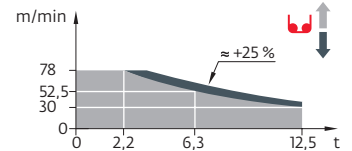
Рулоне / Kranturm / Crane tower Mástil / Torre / Torre Башня крана		L (m)	I (m)	h (m)	kg (+/- 5%)	
T 851		√2,45 m	11,18	4,84	5,8	15750
K 84/K 84-2 Mât de télescopage / Teleskopiermast Telescoping mast / Tramo de telescopaje Elemento di telescopaggio / Tramo de Telescopagem Мачта для телескопирования		√2,45 m	2,24	3,24	2,5	3050
KMT 849A KR 849A KRMT 849A KRMT 849C		√2,45 m	5,23 5,23 5,23 3,57	2,55 2,53 2,55 2,55	2,53 2,5 2,53 2,53	3150 4290 4090 3205
Pieds de scellement / Verankerungsfüße Fixing angles / Pie de empotramiento Montante da annegare / Angulos fixadores анкера		P 800B	0,75	0,75	1,28	465
1/2 Bras de croix / 1/2 Fundamentkruzträger 1/2 Cross girder / 1/2 Brazo en cruz 1/2 Braccio croce / 1/2 Braço da cruz 1/2 Поперечная балка		ZY 800	5,68	0,98	1,92	4720
Bras de croix / Fundamentkruzträger Cross girder / Brazo en cruz Braccio croce / Braço da cruz Поперечная балка		ZY 800	11,96	1,39	1,92	10075

Mécanismes / Triebwerke / Mechanisms / Mecanismos / Meccanismi
 Mecanismos / Механизмы



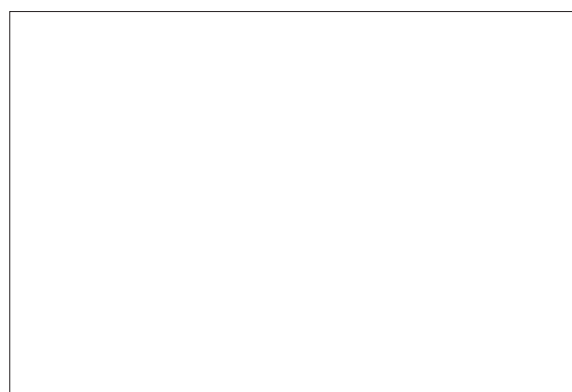
400 V - 50 Hz													ch - PS hp	kW	
	100 LVF 63 Optima	m/min	30	38,5	52,5	69	78	15	19,5	27	35,5	39	100	75	726 m
		t	12,5	9,4	6,3	3,1	2,2	25	18,8	12,5	6,3	5,4			
	110 HPL™ 63	m/min	33,5	44	61,5	92,5	148,5	17	22	31,5	47,5	76,5	110	82	858 m
	150 HPL™ 63 GH	m/min	45,5	57,5	79	126	195	23	29,5	41	69	97,5	150	110	1200 m
		t	12,5	9,4	6,3	3,1	0,85	25	18,8	12,5	6,3	3			
	10 DVF 10 Optima	m/min	0 → 66 (25 t) 0 → 80 (20 t) 0 → 100 (12,5 t) 0 → 110 (6,3 t)										10	7,4	
	RVF 173 Optima+	tr/min U/min rpm						0 → 0,8					3 x 10	3 x 7,5	

100 LVF 63 Optima

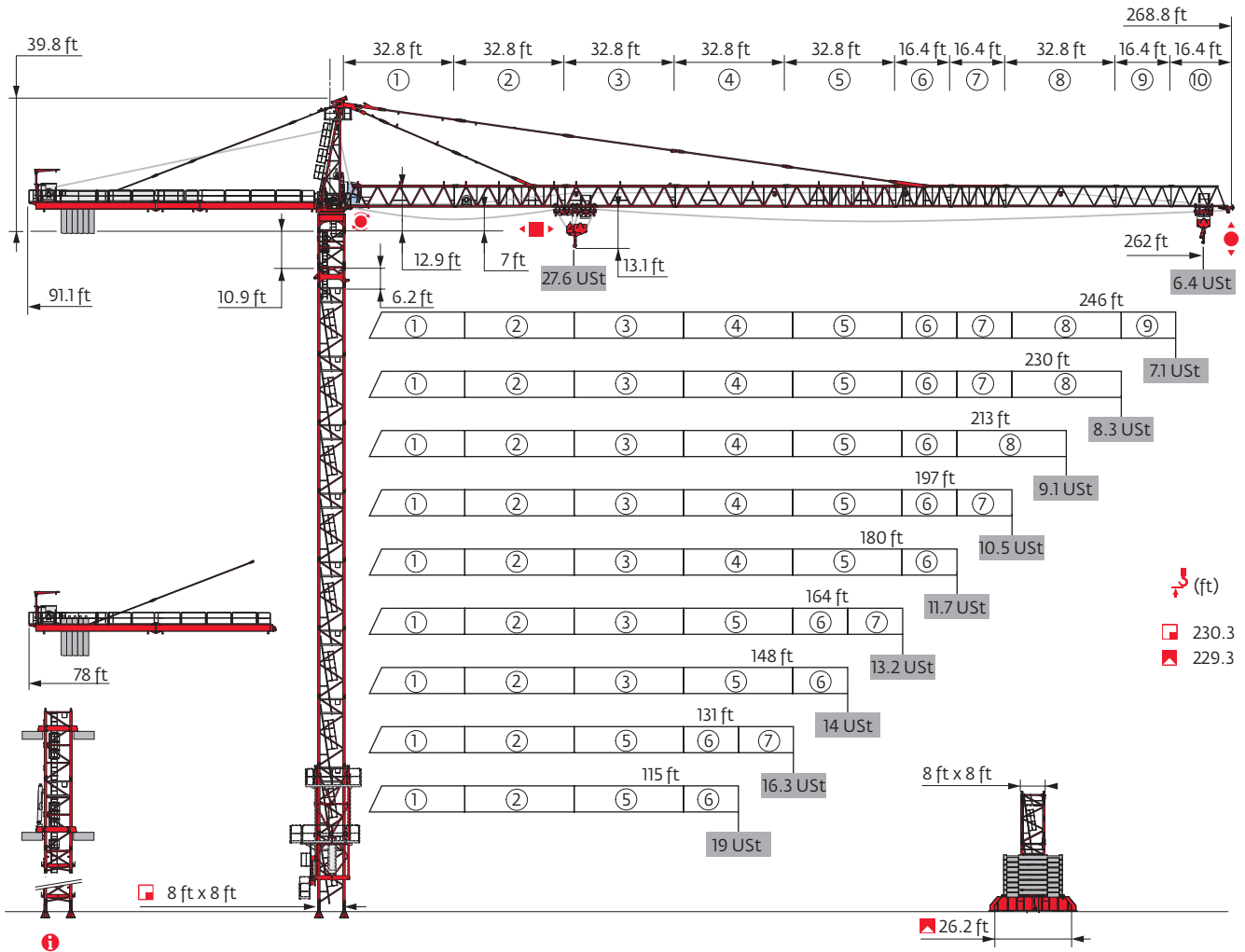


IEC 60204-32	
400 V (+10% -10%) 50 Hz	100 LVF : 117 → 77 kVA 110 HPL™ : 125 → 81 kVA 150 HPL™ GH : 157 → 97 kVA

	FR	DE	EN	ES	IT	PT	RU
	Profil de vent suivant EN 14439 C25-D25	Windbedingungen gemäss EN 14439 C25-D25	Wind conditions according to EN 14439 C25-D25	Conformidad de los condiciones de viento EN 14439 C25-D25	Condizioni del vento secondo EN 14439 C25-D25	Perfil de vento conforme EN 14439 C25-D25	Ветровой режим в соответствии с EN 14439 C25-D25
	Équipements standards	Standardausrüstungen	Standard equipment	Equipamiento de serie	Equipaggiamento standard	Equipamento de série	Стандартное оборудование
	Équipements optionnels	Sonderausrüstungen	Options	Equipamiento opcional	Equipaggiamento in opzione	Equipamento opcional	Дополнительное оборудование (опция)
	Fonction Potain Plus : Courbes de charges Plus	Funktion Potain Plus: Plus-Lastkurven	Potain Plus function: Plus load curves	Función Potain Plus: Diagrama de cargas Plus	Funzione Potain Plus: Curve di carico Plus	Função Potain Plus: Diagrama de cargas Plus	Функция контроля мощности Potain Plus: Диаграммы грузоподъемности Plus
	Hauteurs sous crochet associées aux courbes de charges Plus	Hakenhöhen mit Plus-Lastkurven	Hook heights with Plus load curves	Altura bajo gancho, usando el diagrama de cargas Plus	Altezze sotto gancio con curve di carico Plus	Altura livre, utilizando o diagrama de cargas Plus	Высота под крюком для диаграмм грузоподъемности Plus
	Réactions en service	Reaktionskräfte in Betrieb	Reactions in service	Reacciones en servicio	Reazioni in servizio	Reacções em serviço	Реакция при работе
	Réactions hors service	Reaktionskräfte außer Betrieb	Reactions out of service	Reacciones fuera de servicio	Reazioni fuori servizio	Reacções fora de serviço	Реакция в покое
	Poids total du lest	Ballast-Gesamtgewicht	Total ballast weight	Peso total del lastre	Peso totale della zavorra	Peso total do lastro	Общий вес балласта
	Cadre d'ancrage serré	Fester Verankerungsrahmen	Tightened anchorage frame	Marco de anclaje de apriete	Quadro di ancoraggio stretto	Quadro de amarração apertado	Прикрепленная анкерная рама
	Cadre d'ancrage desserré	Loser Verankerungsrahmen	Loosened anchorage frame	Marco de anclaje de desapriete	Quadro di ancoraggio allentato	Quadro de amarração solto	Отсоединенная анкерная рама
	Poids de flèche	Auslegergewicht	Jib weight	Peso de flecha	Peso del braccio	Peso da lança	вес стрелы
	Camion 13,4 m	Lkw 13,4 m	Lorry 13,4 m	Camión 13,4 m	Camion 13,4 m	Camião 13,4 m	Грузовой автомобиль 13,4 м
	Conteneur High Cube 40', et/ou Flat Rack 20'	Container High Cube 40', und/oder Flat Rack 20'	Container High Cube 40', and/or Flat Rack 20'	Contenedor High Cube 40', y/o Flat Rack 20'	Container High Cube 40', e/o Flat Rack 20'	Contentor High Cube 40', e/ou Flat Rack 20'	40-футовый контейнер повышенной вместимости High Cube, и/или 20-футовая открытая платформа Flat Rack
	Levage	Heben	Hoisting	Elevación	Sollevamento	Elevação	Подъем
	Distribution	Katzfahren	Trolleying	Distribución	Distribuzione	Distribuição	Перемещение по стреле
	Orientation	Schwenken	Slewing	Orientación	Rotazione	Rotação	Поворот
	Translation	Kranfahren	Travelling	Traslación	Traslazione	Translação	Перемещение крана
	Puissance requise	Erforderliche Leistung	Required power	Potencia Necesaria	Potenza richiesta	Potência Necessária	Потребляемая мощность
	Fonction Power Control : vitesses treuils adaptées à la puissance disponible	Funktion Power Control: Geschwindigkeiten der Triebwerke werden an die verfügbare Leistung angepasst	Power Control Function: winch speeds adapted to the available power	Función Power Control: marchas de los cabrestantes adaptadas a la potencia disponible	Funzione Power Control: velocità degli argani adattate alla potenza disponibile	Função Power Control: velocidades de guincho adaptadas à potência disponível	Функция контроля мощности Power Control: регулировка скорости лебедок в зависимости от доступной мощности
	Nous consulter	Auf Anfrage	Consult us	Consultarnos	Consultateci	Consultar-nos	Проконсультируйтесь у нас
	Document commercial non contractuel. Pour toute information technique se référer à la notice correspondante.	Unverbindliches Vertriebsdokument. Für technische Informationen, siehe die entsprechenden Anweisungen.	This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.	Documento comercial no contractual. Para cualquier información técnica, ver la noticia correspondiente.	Documento commerciale non vincolante, per tutte le informazioni tecniche fare riferimento al catalogo istruzioni.	Documento comercial não contratual. Para qualquer informação técnica complementar consultar as respectivas instruções.	Этот коммерческий документ не является юридически обязательным. Для получения технической информации, см. соответствующие инструкции.



MD 569

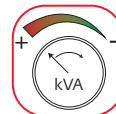


MAXIM
Crane Works, L.P.
1-877-MAX-LIFT

Potain Plus



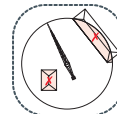
Power Control



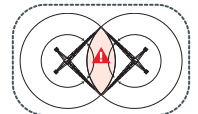
CraneSTAR



Top Site




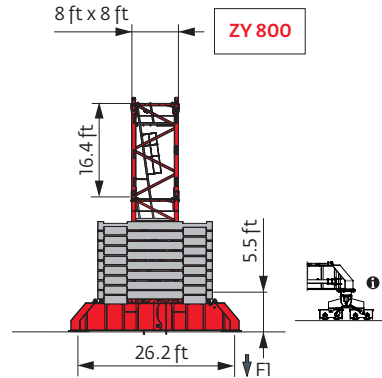
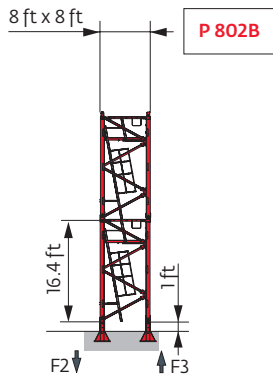
Top Tracing 3



Mast - Reactions

8 ft - P 802B										
Height (ft)	115	131	148	164	180	197	213	230	246	262
↓ (ft)	230.3	230.3	225.1	230.3	225.1	225.1	219.5	219.5	208.7	208.7
↓/P _r (ft)	230.3	230.3	225.1	230.3	225.1	225.1	219.5	219.5	208.7	208.7
10.9 ft	1	1	1	1	1	1	1	1	1	1
6.2 ft	1	1	1	1	1	1	1	1	1	1
10.9 ft	2	2	0	2	0	0	1	1	0	0
16.4 ft	12	12	13	12	13	13	12	12	12	12
F2 (Ust)	● 267 ■ 324	271 329	270 293	272 334	262 305	264 314	259 296	257 307	251 274	252 275
F3 (Ust)	● 171 ■ 242	172 244	183 206	169 245	173 215	159 223	168 205	150 214	149 181	150 180

8 ft - ZY 800 - 										
Height (ft)	115	131	148	164	180	197	213	230	246	262
↓ (ft)	229.3	229.3	207.7	229.3	218.5	218.5	212.9	218.5	207.7	202.1
↓/P _r (ft)	229.3	229.3	207.7	224.1	218.5	218.5	212.9	218.5	207.7	202.1
10.9 ft	1	1	1	1	1	1	1	1	1	1
6.2 ft	1	1	1	1	1	1	1	1	1	1
10.9 ft	0	0	1	0	2	2	0	2	1	2
16.4 ft	13	13	11	13	11	11	12	11	11	10
F1 (Ust)	● 148 ■ 144	147 146	139 115	142 149	143 133	147 137	140 129	146 140	143 130	141 127



Note: When "ASCE" is noted in this data sheet it is referring to 115 mph Wind Zone, Exposure B, Design Wind Speed = 98 mph. See back cover for design wind speed calculations.




 Motorized accesses : adapted mast compositions, base ballast and reactions.

MD 569

Anchorage



Base ballast

 (Ust) /  8 ft - ZY 800 - 											
Height (ft)	115	131	148	164	180	197	213	230	246	262	
229.3	105.8	92.6		79.4							
218.5	92.6	92.6		79.4	92.6	92.6		92.6			
212.9	92.6	79.4		79.4	79.4	92.6	92.6	92.6			
207.7	79.4	79.4	79.4	79.4	79.4	79.4	92.6	92.6	92.6		
202.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	92.6	92.6	92.6	
185.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	92.6	92.6	92.6	
169.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	92.6	92.6	
152.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	92.6	
136.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
120.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
103.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
87.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
70.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	



Load curves



(ft)			56	66	82	89	98	115	121	131	148	154	164	180	187	197	213	220	230	236	246	253	262	ft
	27.6 USt	→ 13.8 USt																						
262	13 → 68	121 - 133	27.6	27.6	22.2	20.3	17.8	14.7	13.8	13.8	12.2	11.5	10.7	9.6	9.2	8.6	7.8	7.5	7.1	6.8	6.5	6.2	5.9	USt
	13 → 70	126 - 138	27.6	27.6	23	21.1	18.6	15.4	14.4	13.8	12.8	12.2	11.3	10.1	9.7	9.1	8.3	8	7.5	7.3	6.9	6.7	6.4	USt P+
246	13 → 69	123 - 134	27.6	27.6	22.5	20.5	18.1	15	14	13.8	12.3	11.7	10.9	9.7	9.3	8.7	7.9	7.6	7.2	6.9	6.6	USt		
	13 → 71	128 - 140	27.6	27.6	23.4	21.4	18.9	15.8	14.7	13.8	13	12.4	11.5	10.3	9.9	9.3	8.4	8.1	7.7	7.5	7.1	USt P+		
230	13 → 72	130 - 140	27.6	27.6	23.8	21.8	19.2	16	14.9	13.8	13	12.4	11.5	10.3	9.9	9.3	8.4	8.1	7.7	USt				
	13 → 75	136 - 148	27.6	27.6	24.9	22.8	20.2	16.9	15.8	14.4	13.8	13.1	12.2	11	10.5	9.9	9	8.7	8.3	USt P+				
213	13 → 73	130 - 141	27.6	27.6	23.9	21.9	19.3	16.1	15	13.8	13.1	12.4	11.6	10.3	9.9	9.3	8.5	USt						
	13 → 76	137 - 149	27.6	27.6	25.1	23	20.4	17	15.9	14.5	13.8	13.2	12.3	11.1	10.6	10	9.1	USt P+						
197	13 → 76	135 - 147	27.6	27.6	25.1	22.9	20.3	16.9	15.8	14.3	13.7	13	12.1	10.8	10.4	9.8	USt							
	13 → 79	143 - 155	27.6	27.6	26.4	24.2	21.4	17.9	16.8	15.3	13.8	13.8	13	11.6	11.2	10.5	USt P+							
180	13 → 76	136 - 148	27.6	27.6	25.2	23	20.3	16.9	15.8	14.4	13.7	13.1	12.2	10.9	USt									
	13 → 79	144 - 156	27.6	27.6	26.6	24.3	21.6	18	16.9	15.4	13.8	13.8	13.1	11.7	USt P+									
164	13 → 76	136 - 148	27.6	27.6	25.2	23.1	20.4	17	15.9	14.4	13.8	13.1	12.2	USt										
	13 → 80	145 - 157	27.6	27.6	26.7	24.5	21.7	18.2	17	15.5	13.8	13.8	13.2	USt P+										
148	13 → 76	136 - 148	27.6	27.6	25.2	23	20.4	16.9	15.8	14.4	13.8	USt												
	13 → 80	145 - 148	27.6	27.6	26.8	24.5	21.8	18.2	17.1	15.5	13.8	USt P+												
131	13 → 76		27.6	27.6	25.4	23.2	20.5	17.1	16	14.5	USt													
	13 → 81		27.6	27.6	27	24.8	22	18.4	17.3	15.7	USt P+													
115	13 → 76		27.6	27.6	25.4	23.2	20.5	17.1	USt															
	13 → 81		27.6	27.6	27	24.9	22.1	18.5	USt P+															

= - 1.59 USt max.



(ft)			56	66	82	89	98	115	121	131	148	154	164	180	187	197	213	220	230	236	246	253	262	ft
	27.6 USt	→ 13.8 USt																						
262	9 → 70	127 - 129	27.6	27.6	23	21.1	18.6	15.5	14.5	13.5	11.7	11.1	10.3	9.1	8.7	8.2	7.3	7.1	6.6	6.4	6	5.8	5.5	USt
	9 → 72	132 - 135	27.6	27.6	23.8	21.8	19.4	16.2	15.2	13.8	12.4	11.7	10.9	9.7	9.3	8.7	7.9	7.5	7.1	6.9	6.5	6.3	6	USt P+
246	9 → 71	128 - 130	27.6	27.6	23.2	21.2	18.8	15.7	14.7	13.7	11.9	11.3	10.4	9.3	8.9	8.3	7.5	7.2	6.8	6.5	6.2	USt		
	9 → 73	133 - 136	27.6	27.6	24.1	22.1	19.6	16.4	15.4	14.1	12.6	11.9	11.1	9.9	9.5	8.9	8	7.7	7.3	7	6.7	USt P+		
230	9 → 74	134 - 137	27.6	27.6	24.4	22.4	19.8	16.6	15.5	14.1	12.6	12	11.1	9.9	9.5	8.9	8	7.7	7.3	USt				
	9 → 76	141 - 144	27.6	27.6	25.5	23.4	20.8	17.4	16.4	15	13.4	12.7	11.8	10.6	10.1	9.5	8.6	8.3	7.9	USt P+				
213	9 → 74	134 - 138	27.6	27.6	24.5	22.5	19.9	16.6	15.6	14.2	12.7	12	11.2	9.9	9.5	8.9	8	USt						
	9 → 77	142 - 145	27.6	27.6	25.7	23.6	20.9	17.6	16.5	15.1	13.5	12.8	11.9	10.6	10.2	9.6	8.7	USt P+						
197	9 → 77	140 - 143	27.6	27.6	25.6	23.5	20.8	17.4	16.3	14.9	13.3	12.6	11.7	10.4	10	9.4	USt							
	9 → 80	148 - 151	27.6	27.6	26.9	24.7	22	18.5	17.4	15.9	13.8	13.5	12.6	11.2	10.8	10.1	USt P+							
180	9 → 77	140 - 143	27.6	27.6	25.7	23.6	20.9	17.5	16.4	14.9	13.3	12.7	11.8	10.5	USt									
	9 → 81	149 - 152	27.6	27.6	27.1	24.9	22.2	18.6	17.5	16	13.9	13.6	12.6	11.3	USt P+									
164	9 → 77	141 - 144	27.6	27.6	25.8	23.7	21	17.6	16.4	15	13.4	12.7	11.8	USt										
	9 → 81	150 - 153	27.6	27.6	27.3	25.1	22.3	18.8	17.6	16.1	14	13.7	12.7	USt P+										
148	9 → 77	141 - 144	27.6	27.6	25.8	23.6	20.9	17.5	16.4	15	13.3	USt												
	9 → 81		27.6	27.6	27.3	25.1	22.3	18.8	17.6	16.1	14	USt P+												
131	9 → 78		27.6	27.6	26	23.8	21.1	17.7	16.6	15.1	USt													
	9 → 82		27.6	27.6	27.6	25.4	22.6	19	17.8	16.3	USt P+													
115	9 → 78		27.6	27.6	25.9	23.8	21.1	17.6	USt															
	9 → 82		27.6	27.6	27.6	25.5	22.7	19	USt P+															

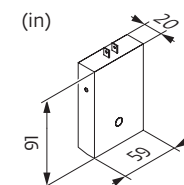
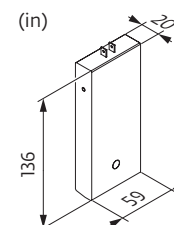
= - 0.38 USt max.

Jib weight & counter-jib ballast



	(lb) (+/- 5%)		100 LVF - 132 HPL™			180 HPL™ GH		
			13,228 lb	8,818 lb	(lb)	13,228 lb	8,818 lb	(lb)
262 ft	56,516	57,596	6	0	79,366	4	2	70,548
246 ft	55,413	56,493	5	1	74,957	3	3	66,139
230 ft	54,201	55,281	5	1	74,957	2	4	61,729
213 ft	51,809	52,889	5	0	66,139	1	5	57,320
197 ft	51,136	52,216	5	0	66,139	2	3	52,911
180 ft	48,744	49,824	4	1	61,729	1	4	48,502
164 ft	45,040	46,121	5	0	66,139	2	3	52,911
148 ft	42,659	43,740	4	1	61,729	2	3	52,911
131 ft	38,592	39,672	2	3	52,911	1	3	39,683
115 ft	36,211	37,291	1	4	48,502	0	4	35,274

CBC - 13,228 lb



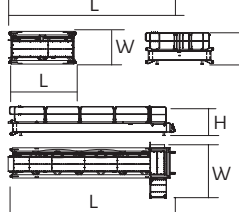



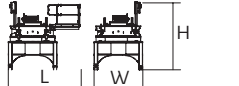



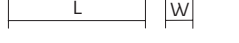


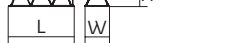
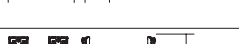

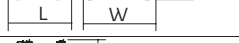




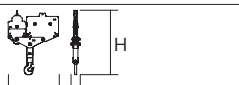
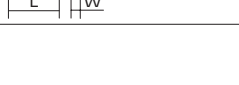

CBD - 8,818 lb

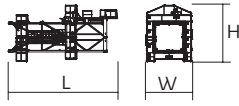


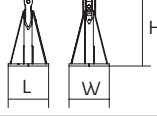
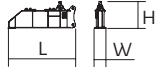
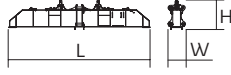


Dimensions and weight

Slewing crane:  262 ft -  100 LVF



Slewing crane part		L (ft)	W (ft)	H (ft)	lb (+/- 5%)	
Counter-jib		38.4	13.5	6.4	14,308	
		13.8	6.6	6.4	4,365	
		36.2	11.7	6.8	10,858	
Cathead	 	11.6	6.5	32.3	18,221	
Cab	 Ultra View	16.4	8.2	9.1	4,134	
Towerhead	 8 ft	12.1	9.5	12.7	24,670	
Hoisting winch (+ rope)		11.2	5.2	5.7	9,016	
		12.4	6.1	6.2	11,387	
		15.8	6.3	6.5	19,279	
Jib section		① 34	6.2	8.3	11,188	
		② 10 DVF	33.9	6.2	7.7	10,439
		③	33.6	6.2	7.9	6,625
		④	33.6	6.2	7.6	6,096
		⑤	33.6	6.2	7.6	6,250
Jib section		⑥	33.5	6.2	6.6	3,064
		⑦	17.5	6.2	7.4	3,792
		⑧	17.2	6.2	6.7	2,381
		⑨	17	6.2	6.5	1,213
Jib section		⑩	16.7	6.2	6.5	1,102
						
Trolley	 27.6 USt	5.9	7.4	4.7	1,676	
Pulley block	 27.6 USt	3.9	1.4	7.8	1,874	
Trolley	 27.6 USt	13.5	7.2	3.8	2,635	
Pulley block	27.6 USt	6	1.1	7.7	1,995	

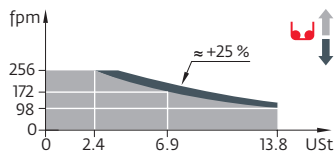
Crane Tower			L (ft)	W (ft)	H (ft)	lb (+/- 5%)
Telescopic cage T 851		□ 8 ft	36.7	15.9	19	34,723
K 84/K 84-2 Telescoping mast		□ 8 ft	7.3	10.6	8.2	6,724
KMT 849A KR 849A KRMT 849A KRMT 849C		□ 8 ft	17.2 17.2 17.2 11.7	8.4 8.3 8.4 8.4	8.3 8.2 8.3 8.3	6,945 9,458 9,017 7,066
Fixing angles		P 802B	2.5	2.5	4.2	1,025
1/2 Cross girder		ZY 800	18.6	3.2	6.3	10,406
Cross girder		ZY 800	39.2	4.6	6.3	22,212

Mechanisms

480 V - 60 Hz													hp	kW	
	100 LVF 63 Optima	fpm	98	126	172	226	256	49	64	89	116	128	100	75	2,382 ft
		USt	13.8	10.4	6.9	3.4	2.4	27.6	20.7	13.8	6.9	6			
	132 HPL™ 63	fpm	133	172	243	363	502	67	87	125	185	251	132	98	2,815 ft
		USt	13.8	10.4	6.9	3.4	1.1	27.6	20.7	13.8	6.9	2.9			
	180 HPL™ 63 GH	fpm	179	220	289	438	640	90	112	149	238	320	180	132	3,937 ft
		USt	13.8	10.4	6.9	3.4	0.9	27.6	20.7	13.8	6.9	3.3			
	10 DVF 10 Optima	fpm	0 → 217 (27.6 USt) 0 → 262 (22 USt) 0 → 328 (13.8 USt) 0 → 361 (6.9 USt)									10	7.4		
	RVF 173 Optima+	rpm	0 → 0.9									3 x 10	3 x 7.5		

	kVA		
480 V (+6% -10%) 60 Hz	100 LVF: 117 → 77 kVA	132 HPL™ : 142 → 90 kVA	
	180 HPL™ GH : 181 → 109 kVA		

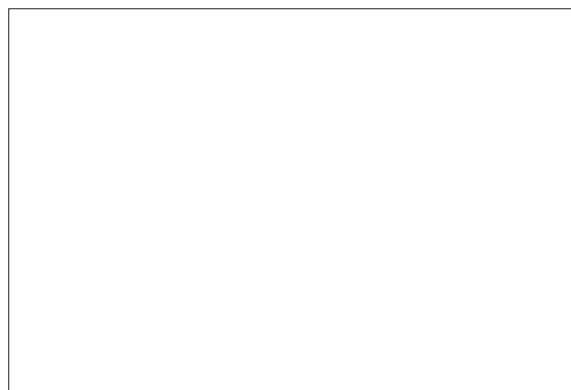
100 LVF 63 Optima



These most combinations meet the EN 14439 and ASME B30.3-2016 specifications for "out of service" wind conditions, provided the illustrated wind speed matches required design wind speed for the location of the tower crane. The "out of service" design wind speed was determined in accordance with ASCE 7-10, Figure 26.5-1A. The wind velocity, used for this configuration was 98 mph (158 kph), which represents a nominal design 3-second wind gust at 33 ft (10 m) above ground for Exposure B category. A factor of 0.85 was applied to the 700-year ultimate design wind speed of 115 mph (185 kph), per ASCE 37-02, with the assumption that this crane is considered a temporary structure used during a construction period of 2 years or less.

- Standard equipment
- Options
- Jib weight
- Lorry 44 ft
- Required power
- Potain Plus function: Plus load curves
- Container High Cube 40 ft, and/or Flat Rack 20 ft
- Power Control Function: winch speeds adapted to the available power
- Hook heights with Plus load curves
- Hoisting
- Consult us
- Reactions in service
- Trolleying
- Reactions out of service
- Slewing
- Total ballast weight
- Travelling

This commercial document is not legally binding. For any technical information, please refer to the corresponding instructions.



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